

THE USDA ARS OVERSEAS BIOLOGICAL CONTROL LABORATORIES

Dan Strickman
Acting Director



United States Department Of Agriculture
Agricultural Research Service



ARS Labs

- European Biological Control Laboratory
 - Director: Kim Hoelmer
 - Montferrier-sur-Lez, Montpellier, France
 - BBCA in Rome, Italy
 - American Farm School, Thessaloniki, Greece
- South American Biological Control Laboratory
 - Director: Juan Briano
 - Hurlingham, Buenos Aires, Argentina

Agreement Labs

- Australian Biological Control Laboratory
 - Director: Matthew Purcell
 - Brisbane, Australia
 - Australian Commonwealth Scientific and Industrial Research Organisation (CSIRO)
- Sino-American Biological Control Laboratory
 - Director: Hongyin Chen
 - Beijing, China
 - Chinese Academy of Agricultural Sciences (CAAS)



Weed Targets

- Hoary cress (*Lepidium draba*)
- Perennial pepperweed (*Lepidium latifolium*)
- Medusahead rye (*Taeniatherum caput-medusae*)
- Swallow worts (*Vincetoxicum nigrum* and *rossicum*)
- French broom (*Genista monspessulana*)
- Russian olive (*Elaeagnus angustifolia*)
- Russian thistle (*Salsola*)
- Yellow star thistle (*Centaurea solstitialis*)
- Guinea grass (*Panicum maximum*)
- Giant reed (*Arundo donax*)

Insect Targets

- Vine mealybug (*Planococcus ficus*)
- European grapevine moth (*Lobesia botrana*)
- Asian longhorned beetle (*Anoplophora glabripennis*)
- Citrus longhorned beetle (*Anoplophora chinensis*)
- Olive psyllid (*Euphyllura olivina*)
- Olive fruit fly (*Bactrocera oleae*)
- Diamondback moth (*Plutella xylostella*)
- Southern green stink bug (*Nezara viridula*)
- Tarnished plant bug (*Lygus lineolaris*)
- Western tarnished plant bug (*Lygus hesperus*)



Weed Targets

- ❑ Brazilian peppertree (*Schinus terebinthifolius*)
- ❑ Brazilian waterweed (*Egeria densa*)
- ❑ Water primrose (*Ludwigia hexapetala*)
- ❑ Water lettuce (*Pistia stratiotes*)
- ❑ Waterhyacinth (*Eichhornia crassipes*)

Insect Targets

- ❑ Cactus moth (*Cactoblastis cactorum*)
- ❑ Little fire ant (*Wasmannia auropunctata*)
- ❑ Harrisia cactus mealybug (*Hypogeococcus pungens*)
- ❑ Red imported fire ant (*Solenopsis invicta*)
- ❑ Black imported fire ant (*Solenopsis richteri*)
- ❑ Glassy-winged sharpshooter (*Homalodisca vitripennis*)



Weed Targets

- Broad-leaved paperbark tree (*Melaleuca quinquenervia*)
- Old World climbing fern (*Lygodium microphyllum*)
- Australian pines (*Casuarina*)
- Skunk vine (*Paederia foetida*)
- Downy rose myrtle (*Rhodomyrtus tomentosa*)
- Chinese tallow (*Triadica sebifera*)
- Hydrilla (*Hydrilla verticillata*)

Insect Target

- Asian citrus psyllid (*Diaphorina citri*)



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Insect Targets

- Wheat stem sawfly (*Cephus cinctus*)
- Soybean aphid (*Aphis glycines*)
- Brown marmorated stink bug (*Halyomorpha halys*)
- Spotted wing drosophila (*Drosophila suzukii*)
- Mosquitoes (*Culex huangae*, *Aedes japonicus*)